

REMARKS

This is in response to the Office Action mailed on September 8, 2004, and the references cited therewith.

Claims 34, 41, and 48 are amended, claims 1-33 were previously canceled; as a result, claims 34-53 are now pending in this application.

Double Patenting Rejection

Claims 34-35, 39, 41-42, 45, 47-48 and 52-53 were rejected under the judicially created doctrine of obviousness-type double patenting as being not patentable over claims 1-25 of U.S. Patent No. 6,640,302 B1. Attached herewith is a Terminal disclaimer for U.S. Patent No. 6,640,302 B1. Accordingly, the rejections with respect to double patenting have been overcome and should be withdrawn.

§102 Rejection of the Claims

Claims 34-38, 40-41 and 43-51 were rejected under 35 USC § 102(e) as being anticipated by Birrell et al. (U.S. 5,805,803). It is fundamental that in order to sustain an anticipation rejection that each and every element or step in the rejected claims must be taught or suggested in the cited reference.

Applicants' amended claims recite authenticating a client *during* a transformation between secure and insecure requests. *Emphasis added*. Support for these amendments may be found, by way of example only, in the original filed specification at page 16 in the second paragraph and also in FIG. 1. The positively recited limitations in the amended claims are not taught or suggested in the teachings of Birrell.

Birrell has a very specifically disclosed technique for authenticating clients. In Birrell, clients are authenticated through the use of a token. The client, in Birrell, must first acquire this token before any transformation of secure requests is made insecure. Additionally, the client in Birrell must resend its original request after the token is acquired. This is cumbersome and inefficient. Notice further that the Birrell process is continually done by the client, such that requests (original and transformed) are regularly sent back to a checker, a proxy, and a private resource. See, Birrell, FIG. 3 and its accompanying description in the Birrell specification. The

Birrell client is regularly and repetitively sending various types of revised requests back and forth to various resources.

The Birrell technique is distinctly not the case in Applicants' invention, where redirected URL's, tokens, and resubmissions of redirected URL's and tokens are not sent multiple times during multiple processing iterations; rather, in Applicants' invention, as is positively recited in the amended independent claims, a single request submitted from the client is processed concurrently by one or more resources of the network.

The need to have processing lulls and multiple requests before a client can even gain access to an insecure network within a secure network is completely avoided with Applicants' invention. Birrell could not support authenticating a client *during* a transformation, because in Birrell that transformation cannot and does not occur until the client has a valid token; implying the client as *already* went through an authentication process. *Emphasis added.* Applicants' respectfully submit that in fact Birrell's technique teaches away from Applicants' claimed invention.

Accordingly, Applicants respectfully requests that the Examiner withdraw the rejections with respect to Birrell in view of the remarks presented herein. Moreover, Applicants respectfully request that the Examiner indicate that the claims are now in condition for allowance.

§103 Rejection of the Claims

Claims 39, 42 and 52-53 were rejected under 35 USC § 103(a) as being not patentable over Birrell et al. in view of Nozaki (U.S. 6,128,644). Claim 39 is dependent from independent claim 34, claim 42 is dependent from independent claim 41, and claims 52-53 are dependent from independent claim 48. Thus, for the remarks and amendments made above with respect to independent claims 34, 41, and 48, the rejections with respect to claims 39, 42, and 52-53 should be withdrawn and these claims allowed. Applications respectfully request the same.

CONCLUSION

Applicants respectfully submit that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' attorney at (513) 942-0224 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

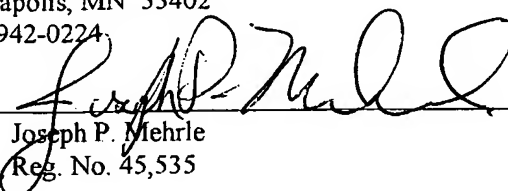
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 3rd day of December, 2004.

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Name


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